



Wisconsin Department of Agriculture, Trade and Consumer Protection, (608) 224-4942
 Division of Trade and Consumer Protection
 PO Box 8911
 Madison, WI 53708-8911

Vehicle Scale Installation Permit Application

Wis. Admin. Code § ATCP 92.30, Wis. Stat. §98.16

Department Use Only

Date Issued:

Fee Amount:

Lockbox date:

Permit number issued:

ACCT

Wis. Admin. Code ATCP §92.30

If you have any questions please contact us at (608) 224-4942 or at DATCPWeightsAndMeasures@wisconsin.gov

SCALE OWNER

State of Formation:

Permit Fee: \$65

Check One:

☐ Individual

☐ Partnership

☐ Cooperative

☐ Corporation

☐ LLC

☐ Trust

☐ LLP

☐ Other:

Legal Name of Scale Owner

Street Address

City

State

Zip

Contact Name

Phone

E-mail

Licensed Scale Service Company

Name

Address

City

State

Zip

Contact Name

Phone

E-mail

Construction Contractor

Name

Address

City

State

Zip

Contact Name

Phone

E-mail

Scale To Be Installed At

Legal Name of Scale Owner

Physical Address of Vehicle Scale Site

Specific Directions to Scale

City

State

WI

Zip

County

Phone

Is the scale installation a pit scale or an above ground installation?

☐ Pit

☐ Above ground

Is the scale being installed a new scale or a relocation of an existing scale?

☐ New

☐ Relocation

If the scale is being relocated from another location within Wisconsin, what was its previous state ID?

Will this scale replace an existing scale at the site?

☐ Yes

☐ No

If this scale replaces an existing scale, then:

1) What is the State ID number of the existing scale?

2) Describe what will be done with the existing scale?

Existing Foundation Use Only

Will this scale use an existing foundation?

☐ Yes

☐ No

If yes, complete the existing foundation use section and complete form TR-WM-151 *Variance Request Form: Installation of a Vehicle Scale on an Existing Foundation*

Is the existing foundation a pit or above ground foundation?

☐ Pit

☐ Above ground

Scale Capacity	tons	CLC or Sectional Capacity	tons	Scale Deck Length	feet	Scale Deck Width	feet
Scale Make	Scale Model		Serial Number		COC Number		
Indicating Elements Manufactured by			Indicator Serial Number		COC Number		
Load Cells and/or Lever system Manufactured by					COC Number		

Construction plan submitted with application?	Yes	No
Does the attached print have a State reference number? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, then give the State ref. Number _____		

All Vehicle Scale Installations must comply with ATCP 92.30 (3) – Construction Standards.

Instructions for completing construction standards section below:

1. If standard prints are not on file with the department, **SUBMIT CONSTRUCTION PLAN WITH PERMIT.**
2. Each section of ATCP § 92.30 listed below must have a box checked.
3. The N/A box should only be checked if the section does not apply to your installation e.g. the requirement is for an above-ground scale and you are installing a pit scale.
4. If a requirement applies but your installation does not meet the requirement, check NO. If the scale does not meet construction requirements, you may request a variance by completing the variance installation request form located at the website: <https://datcp.wi.gov/Documents/TR-WM-30b.pdf>
5. Return the completed and signed form, permit application, and a \$65 check made payable to WDATCP to:

WDATCP
PO Box 93479
Milwaukee, WI 53293-0479

ATCP 92.30(3)(a) Required for pit and above ground scales (a) Load-bearing piers. The main load-bearing piers supporting a scale shall be constructed of reinforced concrete. The main load-bearing piers shall be poured so that they are monolithic with the scale walls, or shall be tied to the walls with ½ inch (1.2 cm) reinforcing rods.	Yes <input type="checkbox"/> No
ATCP 92.30(3)(b)1 Required for pit and above ground scales (b) Scale walls. 1. The walls of every scale shall be constructed of reinforced concrete. The side walls of every scale, other than a livestock scale constructed prior to January 1, 1992, shall be not less than 12 inches (30 cm) thick. The end walls of every scale shall be not less than 16 inches (40 cm) thick, except that end walls of a livestock scale or above-ground scale shall be no less than 12 inches thick.	Yes <input type="checkbox"/> No
ATCP 92.30(3)(b)2 Required for pit and above ground scales 2. Throughout every scale wall, ½ inch (1.2cm) reinforcing rods shall be placed vertically on no more than 12 inch (30 cm) centers, and horizontally on no more than 18 inch (45 cm) centers.	Yes <input type="checkbox"/> No

<p>ATCP 92.30(3)(b)3 Required for pit and above ground scales</p> <p>3. A vehicle scale end wall, if poured with seams or joints, shall be constructed with a step at the outer edge to provide support for the vehicle approach slab unless the approach slab consists of reinforced concrete which is poured monolithically with the end wall and joined to the end wall with reinforcing rods. The step shall extend for the entire length of the end wall, and shall be at least 6 inches (15 cm) wide and 6 inches (15 cm) deep.</p>	<p>Yes <input type="checkbox"/> No</p>
<p>ATCP 92.30(3)(c)1 Required for pit and above ground scales</p> <p>(c) Foundations.</p> <p>1. Load-bearing piers and scale walls shall rest on reinforced concrete footings which extend at least 12 inches (30 cm) below the frost line, or on a reinforced concrete base slab not less than 12 inches (30 cm) thick. Footings and slabs which support load-bearing piers or scale walls shall be constructed according to the manufacturer's engineering drawings, and shall be constructed to prevent frost heaving.</p>	<p>Yes <input type="checkbox"/> No</p>
<p>ATCP 92.30(3)(c)2 Required for pit and above ground scales</p> <p>2. Scale pit floors and surfaces underlying above-ground vehicle scales shall be constructed of concrete, and shall be constructed so that they are well drained. The concrete floor or surface shall extend the full length and width of the scale. This subdivision does not apply to above-ground scales constructed prior to January 1, 1992.</p>	<p>Yes <input type="checkbox"/> No</p>
<p>ATCP 92.30(3)(c)3 Required for above ground scales only</p> <p>3. A load-bearing concrete surface underlying an above-ground vehicle scale shall rest on a bed of compacted aggregate which is at least 6 inches (15 cm) thick under every portion of the load-bearing concrete surface, or on an alternative foundation constructed according to the manufacturer's engineering drawings. This subdivision does not apply to above-ground scales installed prior to January 1, 1992.</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>
<p>ATCP 92.30(3)(d) Required for pit and above ground scales</p> <p>(d) Top edge of scale wall. The top inside edge of every scale wall shall be framed, for its entire length, with a structural steel angle iron coping. The angle iron shall be at least 2 inches (5 cm) by 2 inches (5 cm) by 1/4 inch (.6 cm), and shall be constructed with welded projections so that it can be anchored in the concrete at approximately 4 foot (1.2 meter) intervals.</p>	<p>Yes <input type="checkbox"/> No</p>
<p>ATCP 92.30(3)(e)1</p> <p>Required for pit scales only:</p> <p>(e) Clearances around scales.</p> <p>In every scale pit, there shall be a clearance of not less than 6 feet (1.8 meters) between the finished floor line of the scale pit and the top edge of the pit coping, or a clearance of not less than 48 inches (1.2 meters) between the finished floor line of the scale pit and the bottom of the load receiving element, the bottom of the beam supporting the load receiving element, or the top of the fully electronic load receiving element.</p> <p>The clearance between the load receiving element and the coping of every scale pit wall shall be not less than 1/2 inch (1.2 cm) and not more than 3/4 inch (1.8 cm). If the scale manufacturer approves a different clearance, attach a letter that shall be from a professional engineer employed by the scale manufacturer, the engineer managing the manufacturer's engineering department or another qualified licensed engineer that clearly states the manufacturer recommendation for this clearance.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A</p>

<p>Required for above ground scales only:</p> <p>NIST Handbook 44 (2009)2.20 Scales UR.2.4 Foundation, Supports, and Clearance The foundation . . . clearance shall be provided around all live parts to the extent that no contacts may result when the load-receiving element is empty, nor throughout the weighing range of the scale. <i>On vehicle and livestock scales, the clearance between the load-receiving elements and the coping at the bottom edge of the platform shall be greater than at the top edge of the platform. (Nonretroactive as of January 1, 1973)</i></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>
<p>ATCP 92.30(3)(e)2 Required for above ground scales only</p> <p>2. In every above-ground scale, there shall be a clearance of not less than 6 inches (15 cm) between the top surface of the base slab and the bottom of the load receiving element. This subdivision does not apply to above-ground scales constructed prior to January 1, 1992.</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>
<p>ATCP 92.30(3)(e)3 Required for pit scales only</p> <p>3. In a scale pit containing a lever-type weighing element, there shall be a clearance of at least 27 inches (70 cm) on one side of the transverse lever between the transverse lever and the pit neck wall.</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>
<p>ATCP 92.30(3)(f) Required for pit scales only</p> <p>(f) Mechanical indicating elements; support. Mechanical indicating elements, including weigh beams and dials, shall be placed on reinforced concrete footings or metal structural members which are sufficiently strong to prevent deflection.</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>
<p>ATCP 92.30(3)(g) Required for pit scales only</p> <p>(g) Scale pit entrance. Every scale pit shall include an entrance through which persons may enter the scale pit. The entrance shall take one of the following forms:</p> <p>ATCP 92.30(3)(g)1 Required for pit scales only</p> <p>1. In a scale pit containing a lever-type weighing element, a square opening in the pit neck, with dimensions of at least 22 inches (58 cm) by 22 inches (58 cm).</p> <p>ATCP 92.30(3)(g)2 Required for pit scales only</p> <p>2. An opening, at least 24 inches (60 cm) in diameter, in the scale platform.</p> <p>ATCP 92.30(3)(g)3 Required for pit scales only</p> <p>3. An opening in the pit wall, not less than 36 inches (90 cm) wide. The top of the opening shall be no lower than the bottom of the weigh bridge, and the bottom of the opening shall be approximately even with the pit floor.</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p>
<p>ATCP 92.30(3)(h) Required for pit and above ground scales</p> <p>(h) Approach surfaces. Entry and exit approaches to a vehicle scale shall be at least as wide as the scale platform and at least 1/2 the length of the scale platform. Where it meets the end wall of a scale, each approach shall be supported on a step in the top of the end wall as provided under par. (b). Extending for the first 10 feet from the scale, each approach surface shall be on the same plane with the scale platform and shall be constructed of reinforced concrete, compacted asphaltic materials, steel grating or structural steel plate of sufficient strength to withstand all loads equal to the concentrated load capacity of the scale. The remainder of the approach surface shall be constructed of a durable material and shall have a slope of not more than 1:12 (vertical rise/horizontal run). The approach shall be constructed and maintained to drain away from the scale, to provide easy vehicle access to the scale, and to provide easy access by the department or a scale service company to test compliance with s. ATCP 92.02 (1).</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>

The scale installation must meet all the above applicable requirements. If the scale does not meet construction requirements, you may request a variance by completing the variance installation request form located at the website:

<https://datcp.wi.gov/Documents/TR-WM-30b.pdf>

Installation Permit Application Completed By	Company	Position Title
Scale Owner (Print Name)	Company	Position Title
Scale Owner Signature	Date	

Personal information you provide may be used for purposes other than that for which it was originally collected (s.15.04(1)(m), Wis. Stats.).

Department Use Only		
Date Application Approved	Approved by	
Date of Variance Request	Date Variance Request Approved	Approved by
Permit Number Issued	Date Permit Issued	Issued by
Date of Private Test	Date Received	Received by
Lockbox Date of License Payment	Lockbox Number	Received by
Date Licensed Mailed	Mailed by	
CC: Vehicle Scale Inspector _____ Inspector _____ Municipal Prog. _____		